

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0144698

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Superior Federal Co.

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

East Burton Flat-Morrow Gas

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 4-205-29E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

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MAY 24 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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MAY 27 1977

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

The Petroleum Corporation of Delaware

3. ADDRESS OF OPERATOR

3303 Lee Parkway, Dallas, Texas 75219

4. LOCATION OF WELL (Report location clearly and in accordance with any applicable requirements.
See also space 17 below.)
At surface

Unit M, 660' from South Line and 660' from West Line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL - 3,308'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

ARTESIA, OFFICE

SEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was originally completed in Morrow formation in August, 1974.

Perforated selectively, 11,384-11,671', with 23 holes.

Acidized with 2,500 gallons, 7-1/2 percent acid.

Initial AOF - 2,046 MCF/D at 15.025 psia

Production declined rapidly until April, 1977, when well died.

Cumulative production was 318,100 MCF at 15.025 psia.

Morrow was acidized on May 5, 1977, with 2,500 gallons, 7-1/2 percent acid.

Well tested at rates up to 140 MCF/D at 15.025 psia with 100 PSIG or less flowing pressure.

Permanent bridge plug was set at 11,000' with 3 sacks cement.

Strawn formation was perforated, 10,512-10,528', with 2 shots/foot on May 11, 1977.

Well tested at 900 MCF/D at 15.025 psia at 20 psig flowing pressure.

Acidized Strawn with 2,000 gallons, 15 percent acid on May 13, 1977.

May 16, 1977 - Shut-in tubing pressure, 2,875 psig.

Well flowed at rate of 1,732 MCF/D at 1,250 psig flowing pressure.

Gas-liquid ratio - 31,500 to 1.

18. I hereby certify that the foregoing is true and correct.

SIGNED

TITLE V P of operations

DATE May 20, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE MAY 26 1977

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO 680-379

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